

OFFICE OF MAYOR ANDY SCHOR

124 W. Michigan Avenue – Ninth Floor Lansing, MI 48933

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MEDIA CONTACT: Valerie Marchand

517-230-4904

Lansing Flood Mitigation Efforts Prevent \$2.24M in Residential Flood Damage

(LANSING) – Mayor Andy Schor announced today that efforts conducted by the City of Lansing for hazard mitigation during the recent flood emergency saved Lansing residents over \$2 million dollars in last month's flooding.

According to the Lansing Office of Emergency Management, the savings comes from two projects in particular: The temporary flood barrier that was constructed during the event to prevent flooding in the Urbandale neighborhood, and floodplain acquisition and demolition (a program which has been ongoing in the city since 2008).

Lansing Mayor Andy Schor commented, "Lansing was prepared and took necessary preventative action. I am so proud of our emergency operations employees and all of our city employees and volunteers for their incredible flood mitigation efforts which significantly reduced the amount of damage experienced in the city, especially in the Urbandale area."

A recent study prepared by the US Army Corps of Engineers showed that the city —owned barrier could protect the Urbandale neighborhood for flooding that is at a 10-year flood level or less without significantly impacting flood levels in the surrounding area. The study estimated that the flood barrier raised the flood elevation about 0.8 inches in this event.

The barrier protected more than 100 homes in the Urbandale neighborhood from flooding, including 38 homes that would likely have suffered substantial damage without it. The city estimates that the flood barrier prevented about \$1.3 million in damage.

Structure acquisition and demolition in the floodplain allowed the city to prevent an additional \$780,000 in damage in the Urbandale neighborhood even without the barrier. That number includes both the city's program and the commitment by the Ingham County Land Bank to demolish and not rebuild structures on the properties that they acquire. Acquisition also helped avoid an additional \$101,000 in damage in other parts of the city.